

[WHAT IS CLAIMED IS;]

[Claim 1] A UWB repeater comprising:

a receiver for receiving UWB pulse signals;
a transmitter for transmitting UWB pulse signals; and
a relay controller for transmitting pulse signals, which
are received by said receiver, at transmitting timing
different from the receiving timing by a pulse unit.

[Claim 2] The UWB repeater as set forth in Claim 1,
wherein said relay controller includes a delay unit that
delays pulse signals received by said receiver.

[Claim 3] The UWB repeater as set forth in Claim 1,
wherein said relay controller deactivates the receiving
feature of said receiver for said transmitting timing or
causes output of the receiver not to be supplied to the
transmitter.

[Claim 4] A UWB communication system comprising:

a receiver for receiving UWB pulse signals;
a transmitter for transmitting UWB pulse signals; and
a transmitting timing controller sets transmitting
timing of pulse signals in said transmitter to timing
different from the receiving timing of pulse signals in said
receiver by a pulse unit.